

EXHIBIT 2

UMG RECORDINGS, INC., et al., v. GRANDE COMMUNICATIONS NETWORKS LLC
Civil Action No. 1:17-cv-00365-DAE

DEFENDANT GRANDE COMMUNICATIONS NETWORKS LLC'S
OBJECTIONS TO PLAINTIFFS' EXHIBIT LIST

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
1	RC-D_00000001	RC-D_01350635		Hard drive containing Rightscorp infringement notice files (RC-D001)		X				F, H, B
2				Summary Spreadsheet: Rightscorp infringement notice files (RC-D001)		X				S, B, F
3	RC-D_01350636	RC-D_01410446		Hard drive containing Rightscorp downloaded audio files (.mp3)		X				B, F
4				Summary Spreadsheet: Rightscorp downloaded audio files (.mp3)		X				S, ID, B, F
5				Rightscorp data re downloaded audio files (produced 2/27/19)		X				F, H, B
6				Thumb drive containing Grande notice files (.txt) in fullnoticeoutput.zip file (received on 7/9/18 from Defendant)		X				ID
7				Summary Spreadsheet: Grande notice files (.txt)		X				S, ID, B, F
8	GRANDE2551078	GRANDE2551532		List of Forwarded Emails to ISPs		X				H, F, B
9	GRANDE2551790	GRANDE2551790		Grande CSV file listing infringement notices		X				H, F, B
10	GRANDE2542672	GRANDE2551077		List of CSG/OSG Letters for 245,429 infringement letters sent to Grande Customers between 12/30/13 and 5/20/18		X				H, F, B
11	RIGHTSCORP 00003842	RIGHTSCORP 00004868	2/26/13 - 8/9/16	Compilation of Repeat Infringer Notifications and corresponding attachments		X				H, F, B
12				Summary Spreadsheet: Repeat Infringer Notifications and corresponding attachments		X				S, ID, B, F, H
13	RIAA_00000003	RIAA_00041198		Audible Magic match output files		X				H, F, B
14				Summary Spreadsheet: Audible Magic match output files		X				S, ID, B, F, H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
15				List of works in suit with corresponding counts of audio files matched by Audible Magic	172-12	X				F, H, B
16				List of works in suit and with corresponding audio files matched by Audible Magic	172-12	X				F, H, B
17				Hard drive containing Rightscorp Source Code File (Java Source Code, produced 8/8/18)		X				
18				Hard drive containing Rightscorp Source Code Records (Production RC-D004)		X				
19				Decl. of Alasdair McMullan, Ex. A-1: List of Universal plaintiffs' works in suit	172-1		X			H, F, B
20	UMG_00000001; UMG_00019638; UMG_00019681; UMG_00019696; UMG_00021517; UMG_00021531	UMG_00000801; UMG_00019639; UMG_00019682; UMG_00019698; UMG_00021526; UMG_00021534		Compilation of copyright registration documentation for Universal plaintiffs' works in suit		X				
21				Decl. of Wade Leak, Ex. B-1: List of Sony plaintiffs' works in suit	172-2		X			H, F, B
22	SME_00000001; SME_00006016	SME_00000387; SME_00006019		Compilation of copyright registration documentation for Sony plaintiffs' works in suit		X				
23				Decl. of Steven Poltorak, Ex. C-1: List of Warner Bros. plaintiffs' works in suit	180-1		X			H, F, B
24	WBR_00000001; WBR_00003976; WBR_00004031; WBR_00004035; WBR_00004052; WBR_00004171; WBR_00004364	WBR_00000218; WBR_00003977; WBR_00004032; WBR_00004038; WBR_00004073; WBR_00004198; WBR_00004419		Compilation of copyright registration documentation for Warner Bros. plaintiffs' works in suit		X				

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25				Copyright registration certificates for One Direction's "Up All Night" (SR703-645) and "Take Me Home" (SR714-020)		X				ID
26				Medley audio recording of Universal plaintiffs' works		X				ID, F
27				Medley audio recording of Sony plaintiffs' works		X				ID, F
28				Medley audio recording of Warner Bros. plaintiffs' works		X				ID, F
30			4/9/2018	Defendant Grande Communications Networks LLC's Answer and Affirmative Defenses to the Original Complaint	80; 127		X			
31			7/20/2017	Defendant Grande Communications Networks LLC's Objections and Responses to Plaintiffs First Set of Interrogatories			X			
32			7/20/2017	Patriot's Objections and Responses to Plaintiffs First Set of Interrogatories			X			H
33			8/18/2017	Defendant Grande Communications Networks LLC's Amended Objections and Responses to Plaintiffs First Set of Interrogatories			X			
34			8/18/2017	Patriot's Amended Objections and Responses to Plaintiffs First Set of Interrogatories			X			H
35			3/19/2018	Defendant Grande Communications Networks LLC's Objections and Responses to Plaintiffs First Set of Requests for Admission			X			
36			3/19/2018	Patriot Objections and Responses to Plaintiffs First Set of Requests for Admission			X			H
37			6/6/2018	Defendant Grande Communications Networks LLC's Objections and Responses to Plaintiffs Second Set of Requests for Admission	127-5		X			

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
38			6/6/2018	Defendant Grande Communications Networks LLC's Objections and Responses to Plaintiffs Third Set of Interrogatories			X			
39			7/6/2018	Defendant Grande Communications Networks LLC's Third Amended Objections and Responses to Plaintiffs First Set of Interrogatories (Version 2)	127-10		X			
52				Printout: "DMCA Designated Agent Directory"			X			ID
53	GRANDE0002050	GRANDE0002056		DMCA Policy and Procedure (appears as PX53 in: S. Christianson, 062718; L. Christianson, 062618; Horton, 022118; Horton, 092518; Murphy, 092718; Roeder, 111618; Rohre, 022218)	127-14	X				
54			11/24/2017	Defendant Grande Communications Networks LLC's Third Amended Objections and Responses to Plaintiffs' First Set of Interrogatories (Version 1) (appears as PX54 in: S. Christianson, 062718; S. Christianson, 062818; L. Christianson, 062618; Horton, 022118)			X			
55	GRANDE0816590	GRANDE0816591	4/14/2017	Email re Copyright Infringement - Add on to current process (appears as PX55 in: S. Christianson, 062718; S. Christianson, 062818; Horton, 022118)		X				H
56	GRANDE0813928	GRANDE0813932	4/14/2017	Email re Review Abuse Process - Following Up - Docs Attached for Review (w/ attachs.) (appears as PX56 in: L. Christianson, 062618; Creel, 061918; Horton, 022118)		X				H
57	GRANDE0000155	GRANDE0000155	4/13/2017	Spreadsheet titled "DMCA Excessive ViolationsV2 from 1/1/2017 -1/31/2017" (appears as PX57 in: Horton, 022118)	127-6	X				

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58	GRANDE0000195	GRANDE0000195	4/13/2017	Spreadsheet titled "DMCA Excessive ViolationsV2 from 10/1/2016 -12/31/2016" (appears as PX58 in: Horton, 022118)	172-20	X				
59	GRANDE0000194	GRANDE0000194	4/13/2017	Spreadsheet titled "DMCA Excessive ViolationsV2 from 1/1/2017 -3/31/2017" (appears as PX59 in: Horton, 022118)	172-19	X				
60	GRANDE1438198	GRANDE1438199		Spreadsheet listing "Mail Notes" by account number (appears as PX60 in: S. Christianson, 062718; Roeder 111618; Rohre, 022218; Horton, 022118)	172-29; 127-8		X			ID
61	GRANDE0000199	GRANDE0000199		Spreadsheet listing internal Grande ticket numbers (appears as PX61 in: S. Christianson, 062718; Horton, 022118)	172-30		X			
62	GRANDE0000200	GRANDE0000200		Spreadsheet listing internal Grande ticket numbers (appears as PX62 in: S. Christianson, 062718; Horton, 022118)			X			
63	GRANDE1094438	GRANDE1094438	10/25/2010	Email re Systems Report, 10/25/2010 (appears as PX63 in: Horton, 022118)		X				H
64	GRANDE0685248	GRANDE0685248	2/14/2017	Email re CPNI and DMCA Letters Processed by CSG (appears as PX64 in: Horton, 022118)		X				H
65	GRANDE0000144	GRANDE0000144	12/2/2010	Email chain re DMCA Letters/Script (appears as PX65 in: Horton, 022118)		X				H
66	GRANDE0002727	GRANDE0002727	7/7/2013	Email re Email Activity Report - archive.atlanticbb.com [172.28.10.7] (appears as PX66 in: Horton, 022118)		X				H
67	GRANDE0181612	GRANDE0181612	5/5/2014	Email re Systems Report, 05/05/2014 (appears as PX67 in: L. Christianson, 062618; Horton, 022118)		X				H

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68	GRANDE0000115	GRANDE0000124	4/1/2014	Email chain re [abuse@grandecom.com #699083] Notice of Copyright Infringement, Case #: P62850109 (appears as PX68 in: Horton, 022118; Murphy, 092718; Bloch, 062018)		X				H
69	GRANDE2152629	GRANDE2152636	10/14/2013	Email re [abuse@grandecom.com #644240] Copyright Infringement - Notice ID #22281070826 (appears as PX69 in: S. Christianson, 062718; Fogle, 062818; Horton, 022118; Murphy, 092718)	172-14; 127-17	X				H
70	GRANDE0797517	GRANDE0797517	1/5/2016	Email re Systems Report, 01/05/2016 (appears as PX70 in: Horton, 022118)		X				H
71	RC-D_00004652	RC-D_00004652		Email infringement notice TC-c4658fcl-5ec8-4d95-al5ed4f6c5a0fb26 (appears as PX71 in: Horton, 022118)		X				H
72	RC-D_00020113	RC-D_00020113		Email infringement notice TC-04fb6337-ffa2-456c-82a7-ffa9d8df12fb (appears as PX72 in: Horton, 022118; Horton, 092419)		X				H
73	RC-D_01210736	RC-D_01210736		Email infringement notice TCac0af4ff-148a-44ee-94de-485d05dl134b (appears as PX73 in: S. Christianson, 062718; Cohen, 110918; Horton, 022118)		X				H
77	GRANDE1718860	GRANDE1718860	5/19/2016	Email chain re DMCA - Abuse notifications (appears as PX77 in: Horton, 022118)		X				H
78	GRANDE1718865	GRANDE1718865	5/19/2016	Email chain re DMCA - Abuse notifications (appears as PX78 in: Horton, 022118)		X				H
79	GRANDE0479962	GRANDE0479963	11/16/2011	Email re Network Analysis/IP Engineering -Agenda 11.17.11 (appears as PX79 in: Horton, 022118)			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
80	GRANDE1435499	GRANDE1435499	2/18/2016	Email re Rightscorp - DMCA (appears as PX80 in: Horton, 022118)		X				H
81	GRANDE1435526	GRANDE1435527	2/18/2016	Email chain re Rightscorp - DMCA (appears as PX81 in: Horton, 022118; Horton, 092518)		X				H
82	GRANDE1435539	GRANDE1435540	2/18/2016	Email chain re Rightscorp - DMCA (appears as PX82 in: Horton, 022118; L. Christianson, 062618)		X				H
83	GRANDE1435587	GRANDE1435587	2/18/2016	Email re RightsCorp - Customers Network Infringement Ltr (appears as PX83 in: Horton, 022118; Rohre, 022218)		X				H
84	GRANDE1438198	GRANDE1438199	2/22/2016	Email re Rightscorp (w/ attach.) Email re Rightscorp (w/ attach.) (appears as PX84 in: Horton, 022118)	127-15	X				H
86	GRANDE0707251	GRANDE0707251	11/9/2016	Email re Follow up: DMCA (appears as PX86 in: Fogle, 062818; Horton, 022118)		X				H
88	GRANDE0728095	GRANDE0728095	3/31/2017	Email chain re Notice of infringement (USA) (appears as PX88 in: Creel, 061918; Horton, 022118)		X				H
90	GRANDE0000001	GRANDE0000001	4/11/2013	Email re DMCA notices (appears as PX90 in: Horton, 022118; Fogle, 062818; Rohre, 022218)	127-4	X				H
91	GRANDE0000009	GRANDE0000010	4/11/2013	Email chain re DMCA notices (appears as PX91 in: Creel, 061918; L. Christianson, 062618; Fogle, 062818; Horton, 022118; Murphy, 092718; Rohre, 022218)	172-32; 127-13	X				H
92	GRANDE0000243	GRANDE0000243	7/5/2017	Spreadsheet titled "Specific Account DMCA Violations" (appears as PX92 in: Cohen, 110918; Bloch, 062018; L. Christianson, 062618; S. Christianson, 062718; Horton, 022118)		X				
95	GRANDE0573985	GRANDE0573986	1/27/2017	Email re Consolidated Grande Budget - 2017 v2 0 2.xlsx (w/ attach.) (appears as PX95 in: Rohre, 022218)			X			H

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96	GRANDE0016786	GRANDE0016788	8/28/2015	Email re V8 forecast (w/ attach.) (appears as PX96 in: Rohre, 022218)			X			H
97	GRANDE0691472	GRANDE0691473	9/14/16 - 9/15/16	Email re Consolidated Grande Budget - 2017.xlsx (w/ attach.) (appears as PX97 in: Rohre, 022218)			X			H
98	GRANDE0760489	GRANDE0760491	9/30/2016	Email chain re P&L Call (w/ attach.) (appears as PX98 in: Rohre, 022218)			X			H
99	GRANDE0946364	GRANDE0946364	8/7/2017	Email chain re I'm on a call. (appears as PX99 in: Rohre, 022218)			X			H
101			1/2/2018	Defendant Grande Communications Networks LLC's Supplemental Responses to Interrogatories 11 and 15 of Plaintiffs' First Set of Interrogatories (appears as PX101 in: Rohre, 022218)	127-16		X			
102			2/21/2018	Verification for Document Produced in Response to Interrogatories (appears as PX102 in: Rohre, 022218)		X				
103			10/1/2013	Grande Internet Acceptable Use Policy (appears as PX103 in: Cohen, 110918; L. Christianson, 062618; S. Christianson, 062718; Rohre, 022218; Horton, 092518; Murphy, 092718)	127-12	X				
106	GRANDE1438543	GRANDE1438548	2/22/2016	Email chain re Rightscorp (w/ attachs.) (appears as PX106 in: Rohre, 022218)		X				H
107	GRANDE1438324	GRANDE1438326	2/18/16 - 2/22/2016	Email chain re Rightscorp – DMCA (appears as PX107 in: Cohen, 110918; L. Christianson, 062618; Fogle, 062818; Roeder, 111618; Rohre, 022218; Shockley, 092618; Horton, 092518)	172-18	X				H
109	GRANDE1435590	GRANDE1435591	2/18/2016	Email re Accepted: Grande RightsCorp Ltr -- Network Infringement (w/ attach.) (appears as PX109 in: Rohre, 022218)		X				H
110	GRANDE1438146	GRANDE1438147	2/18/2016 - 2/22/16	Email re RightsCorp – Customers Network Infringement Ltr (appears as PX110 in: Rohre, 022218)		X				H

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112	GRANDE0152576	GRANDE0152576	01/24/14-02/13/14	Email chain re Baylor Stadium Public Wifi Technology discussion (appears as PX112 in: Rohre, 022218)		X				H
113	GRANDE0301966	GRANDE0301967	4/10/2014	Email chain re Grande (appears as PX113 in: Rohre, 022218)		X				H
114	GRANDE0549431	GRANDE0549431	12/22/2015	Email re Patent Infringement liability (appears as PX114 in: Rohre, 022218)			X			H
115	GRANDE0000231	GRANDE0000234		End User License Agreement (appears as PX115 in: Rohre, 022218)		X				
116	GRANDE0019395	GRANDE0019396	4/24/2013	Email re Transition Schedule (w/attach.) (appears as PX116 in: Murphy, 092718; Roeder, 111618; Rohre, 022218)			X			H
118	GRANDE0673185	GRANDE0673186	2/10/2017	Email re Monthly Project Report - January (w/ attach.) (appears as PX118 in: Rohre, 022218)			X			H
119	GRANDE0949981	GRANDE0949983	8/8/2017	Email chain re Radiate Preliminary July Revenues (w/ attach.) (appears as PX119 in: Rohre, 022218)			X			H
120	GRANDE0950434	GRANDE0950442	8/8/2017	Email chain re Radiate Preliminary July Revenues (w/ attachs.) (appears as PX120 in: Rohre, 022218)			X			H
122	GRANDE0000064	GRANDE0000073	3/27/14 - 3/29/14	Email chain re [abuse@grandecom.com #699083] Notice of Copyright Infringement, Case #: P62850109			X			H
123	GRANDE0000105	GRANDE0000114	3/27/14 - 4/1/14	Email chain re [abuse@grandecom.com #699083] Notice of Copyright Infringement, Case #: P62850109		X				H
125	GRANDE0268417	GRANDE0268417	3/31/2014	Email chain re bittorrent issue		X				H
126	GRANDE0420072	GRANDE0420074	8/11/10 - 8/12/10	Email chain re DMCA		X				H
127	GRANDE0420143	GRANDE0420144	8/11/10 - 8/12/10	Email chain re DMCA		X				H
135	GRANDE0000095	GRANDE0000104	3/27/14 - 4/1/14	Email chain re [abuse@grandecom.com #699083] Notice of Copyright Infringement, Case #: P62850109		X				H

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138	GRANDE0000250	GRANDE0000253	3/31/2014	Email chain re bittorrent issue (appears as PX138 in: Creel, 061918)		X				H
140	GRANDE0268966	GRANDE0268969	3/31/2014	Email chain re bittorrent issue (appears as PX140 in: Fogle, 062818; Murphy, 092718)	172-16	X				H
143	GRANDE0431365	GRANDE0431365	7/12/2017	Email chain re RIAA sues Grande, Screen shot and link			X			H
144	GRANDE0431371	GRANDE0431373	7/12/2017	Email chain re RIAA sues Grande, Screen shot and link			X			H
146	GRANDE0477916	GRANDE0477917	7/26/2017	Email chain WFO updates (appears as PX146 in: Creel, 061918)			X			H
147	GRANDE0493479	GRANDE0493479	12/18/2015	Email re DMCA judgement (appears as PX147 in: S. Christianson, 062818)		X				H
148	GRANDE0493486	GRANDE0493486	12/18/2015	Email chain re DMCA judgement (appears as PX148 in: Roeder, 111620)		X				H
150	GRANDE0707016	GRANDE0707016	10/8/2010	Email re DMCA Issue			X			H
154	GRANDE1073328	GRANDE1073328	10/8/2010	Email re DMCA Issue			X			H
155	GRANDE1747439	GRANDE1747439	11/29/2014	Email chain re DMCA (appears as PX155 in: Creel, 061918)		X				H
156	GRANDE1801114	GRANDE1801114	8/19/2016	Email chain re DMCA Calls (appears as PX156 in: Creel, 061918; Shockley, 092618)		X				H
157	GRANDE1801130	GRANDE1801131	8/19/2016	Email chain re Letter Templates (appears as PX157 in: Shockley, 092618)		X				H
158	GRANDE1801206	GRANDE1801213	8/19/16 - 8/20/16	Email chain re Letter Templates (w/ attachs.)			X			H
166	GRANDE2518787	GRANDE2518787	12/18/2015	Email re DMCA judgement		X				H
168	GRANDE2525798	GRANDE2525798	10/8/2010	Email chain re DMCA letters (appears as PX168 in: Creel, 061918)			X			H
169	GRANDE2539474	GRANDE2539478	3/21/16 - 3/22/16	Email chain re [abuse@grandecom.com #1585298] Notice of Claimed Infringement - Case ID 413176005 (appears as PX169 in: S. Christianson 062718; Murphy, 092718)	172-17; 127-18	X				H
170	GRANDE2539497	GRANDE2539498	10/14/2010	Email chain re DMCA letters			X			H
171	GRANDE2540055	GRANDE2540055	10/25/11- 11/1/11	Email chain re 866-216-7427			X			H

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178	GRANDE1435553	GRANDE1435555	2/18/2016	Email chain re Rightscorp – DMCA (appears as PX178 in: L. Christianson, 062618)		X				H
179	GRANDE1438523	GRANDE1438523	2/22/2016	Email chain re DigitalRightsCorp fixed (appears as PX179 in: L. Christianson, 062618)			X			H
180	GRANDE1438522	GRANDE1438522	2/22/2016	Email chain re DigitalRightsCorp fixed (appears as PX180 in: L. Christianson, 062618)		X				H
181	GRANDE1438524	GRANDE1438524	2/22/2016	Email chain re DigitalRightsCorp fixed (appears as PX181 in: L. Christianson, 062618)	172-21	X				H
182	GRANDE1438552	GRANDE1438553	2/22/2016	Email chain re DigitalRightsCorp fixed (appears as PX182 in: L. Christianson, 062618)		X				H
183	GRANDE1438527	GRANDE1438527	2/22/2016	Email chain re DigitalRightsCorp fixed (appears as PX183 in: L. Christianson, 062618)		X				H
184	GRANDE1438606	GRANDE1438606	2/22/2016	Email chain re DigitalRightsCorp fixed (appears as PX184 in: L. Christianson, 062618; Horton, 092518)		X				H
185	GRANDE1647910	GRANDE1647910	02/23/16 - 02/24/16	Email chain re CPNI and DMCA Data Sent to CSG (appears as PX185 in: L. Christianson, 062618)		X				H
186	RIGHTSCORP 00004611	RIGHTSCORP 00004612	8/17/2015	Email re Grande Communications Termination request for Round Hill Music (w/ attach.) (appears as PX186 in: S. Christianson, 062718; L. Christianson, 062618)		X				F, H
192	GRANDE1001305	GRANDE1001305	10/31/2012	Email chain re DMCA? (appears as PX192 in: S. Christianson, 062718)		X				H
193	GRANDE0005896	GRANDE0005899	4/11/2013	Email chain re Undeliverable: Testing (w/ attach.) (appears as PX193 in: S. Christianson, 062718)			X			H
196			2/4/2008	Amended Interim Designation of Agent to Receive Notification of Claimed Infringement (appears as PX196 in: S. Christianson, 062718)			X			

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
197			5/13/2016	Amended Interim Designation of Agent to Receive Notification of Claimed Infringement (appears as PX197 in: S. Christianson, 062718)			X			
199				Grande Test Auto Response to emails received at dmca@grandecom.com (appears as PX199 in: S. Christianson, 062718)			X			
200	GRANDE0874831	GRANDE0874832	5/10/2017	Email chain re Monthly Project Report - April (w/ attach.) (appears as PX200 in: S. Christianson, 062818)			X			H
201			11/25/2015	WSJ Article: "Downloaders Beware? Judge Rules Against Cox in Copyright Battle" (appears as PX201 in: S. Christianson, 062818)		X				ID, H
202	GRANDE1715200	GRANDE1715201	5/17/2016	Email chain re Grande -- DMCA Policy for Website (appears as PX202 in: S. Christianson, 062818)		X				H
203	GRANDE0441935	GRANDE0441935	7/14/2017	Email re Your Abuse Notification (appears as PX203 in: S. Christianson, 062818)		X				H
204				Grande Communications' High-Speed Internet Network Management, Service Performance and Terms of Service (appears as PX204 in: Fogle, 062818)		X				
206	GRANDE2439310	GRANDE2439310	8/23/2016	Email re DMCA (appears as PX206 in: Fogle, 062818)	172-24	X				H
207	GRANDE2482342	GRANDE2482342	9/30/2016	Email re Reason for email retention enforcement (appears as PX207 in: Fogle, 062818)	172-25	X				H
211	GRANDE1722374	GRANDE1722374	5/29/2016	Email re DMCA (appears as PX211 in: Horton, 092518)		X				H
213			5/13/2016	Amended Interim Designation of Agent to Receive Notification of Claimed Infringement (appears as PX213 in: Horton, 092518; Murphy, 092718)		X				

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
214	GRANDE1747433	GRANDE1747433	11/29/2014	Email Chain re DMCA (appears as PX214 in: Horton, 092518) (appears as PX214 in: Horton, 092518)		X				H
216	GRANDE1435496	GRANDE1435497	2/18/2016	Email Chain re Rightscorp -- Customers Network Infringement Ltr [redacted] (appears as PX216 in: Horton, 092518)		X				H
218	GRANDE2050897	GRANDE2050897	6/17/2016	Email chain re RCN sues BMG/Rightscorp (appears as PX218 in: Horton, 092518)			X			H
220	GRANDE1438369	GRANDE1438374	2/22/2016	Email chain re Rightscorp (appears as PX220 in: Horton, 092518; Shockley, 092618)			X			H
227	GRANDE0881829	GRANDE0881831	8/10/12-8/14/12	Email chain re Copyright Letter (w/attach.) (appears as PX227 in: Shockley, 092618)			X			H
228	GRANDE1801214	GRANDE1801215	8/19/16-8/20/16	Email chain re Letter Templates (appears as PX228 in: Shockley, 092618)			X			H
230	GRANDE0078376	GRANDE0078377	5/8/2013	Email re Bank Meeting Script 5.9 (w/ attach.) (appears as PX230 in: Horton, 092419; Murphy, 092718)		X				H
231	GRANDE2202661	GRANDE2202663	12/11/2013	Email chain re background detail on Grande marketing slide (w/ attach.)			X			H
232	GRANDE2191742	GRANDE2191743	12/9/2013	Email chain re Retention Tools			X			H
233	GRANDE1913405	GRANDE1913405	10/28/2011	Email chain re UT v Kansas - Piracy Protection			X			H
234	RIGHTSCORP 00004053	RIGHTSCORP 00004054	4/15/2014	Email re Grande Termination Request for BMG Rights Management (US) LLC (w/ attach.)			X			H, F
240				Webpage: " BitTorrent.org - For Users"			X			F, H
241				Webpage: BitTorrent.org BEP			X			F, H
247			3/21/2018	Grande's Responses to Plaintiffs' Second Set of Interrogatories			X			
248	GRANDE0046655	GRANDE0046655		Grande Retention Training			X			H
250	GRANDE0848107	GRANDE0848108	12/13/2016	Email re 2017 rate Adjustment Residential_Draft_121216 (w/ attach.)			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
252	PATRIOT00014834	PATRIOT00014837	12/10/13-12/11/13	Email Chain re Choice Commercial OCF (w/ attach.)			X			H
253	PATRIOT00084722	PATRIOT00084723	3/6/2013	Email re Revised Grande Growth and Base Models (w/ attach.)			X			H
255	GRANDE0949410	GRANDE0949411	8/8/2017	Email chain re Radiate Preliminary July Revenues			X			H
256	GRANDE1851981	GRANDE1851982	8/28/17-8/29/17	Email chain re Wire Approval - Grande Copyright \$205k			X			H
257	PATRIOT00274131	PATRIOT00274131	6/25/2015	Email re Google Alert - Cox Communications			X			H
258	PATRIOT00145508	PATRIOT00145508	3/30/2015	Email re Google Alert - Cox Communications			X			H
259	GRANDE1802115	GRANDE1802119	8/23/2016	Email Chain re DMCA (w/ attach.)			X			H
261	PATRIOT00039514	PATRIOT00039526	8/19/16-9/2/16	Email Chain re DMCA Email and Letter Calls Since 08/29/16			X			H
262	PATRIOT00177841	PATRIOT00177841	8/16/2016	Email Chain re Today's DMCA Call			X			H
265			10/23/2018	Defendant Grande Communications Networks LLC's Fourth Amended Objections and Responses to Plaintiffs' First Set of Interrogatories			X			
266	PATRIOT00102228	PATRIOT00102298	12/1/2015	Memorandum Opinion in BMG v. Cox		X				
272	GRANDE2551619			Report: Grande Residential Customer Acquisition Expense Analysis (2017-2018)		X				
273	GRANDE2551668		2/28/2011	IRU Agreement between Grande and NextEra FiberNet, LLC			X			
274	GRANDE2551740			RCN CapEx summary		X				
275	GRANDE2551745			Grande and FPL Fibernet (Crown Castle) Capacity IRU details			X			
276	GRANDE2551746		2/28/2011	Texas IRU and Purchase Option Agreement between Grande and NextEra FiberNet, LLC			X			
277				Webpage printout: "About Rightscorp" (printed from https://web.archive.org/web/20171014030441/http://www.rightscorp.com:80/about-rightscorp.html)			X			ID, H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
281				Webpage printout: "About Grande" (from Sept. 12, 2017) (printed from https://web.archive.org/web/20170912000903/http://mygrande.com/about)			X			ID, H, F
282				Webpage: "About Grande" (from Jan. 6, 2018) (printed from https://web.archive.org/web/20180106111851/http://mygrande.com:80/about)			X			ID, H, F
285			9/1/2009	Multichannel News article: "Grande Agrees to Sale" (printed from https://www.multichannel.com/news/grande-agrees-sale-329469)			X			ID, H, F
306				RCN.com Article: "RCN, Grande and Wave Broadband Join Forces" (printed from https://www.rcn.com/hub/about-rcn/newsroom/2017-press-releases/rcn-grande-and-wave-broadband-join-forces/)			X			ID, H, F
307			5/20/2014	PR Newswire Article: "Rightscorp Increases Representation to Surpass 1.5 Million Copyrights" (printed from https://www.prnewswire.com/news-releases/rightscorp-increases-representation-to-surpass-15-million-copyrights-259920441.html)			X			ID, H, F
331			10/26/2018	Defendant Grande Communications Networks, LLC's Fifth Amended Objections and Responses to Plaintiffs' First Set of Interrogatories			X			
334	GRANDE0268512	GRANDE0268514	3/31/2014	Email chain re BitTorrent Issue			X			H
335	GRANDE2551334	GRANDE2551549		Spreadsheet titled "Forwarded Emails to ISPs"			X			
340	GRANDE0000142	GRANDE0000143	11/29/10-12/1/10	Email chain re Question			X			H
341	GRANDE0752121	GRANDE0752121	12/7/2010	Email re DMCA			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
342	GRANDE1038922	GRANDE1038923	12/9/2010	Email re Updates b4 Vacation			X			H
343	GRANDE1962193	GRANDE1962193	11/11/2010	Email re DMCA			X			H
344	GRANDE2007148	GRANDE2007148	4/21/2011	Email Chain re DMCA			X			H
345	GRANDE2008106	GRANDE2008106	4/21/2011	Email re DMCA			X			H
346	GRANDE0025516	GRANDE0034847		Summary of DMCA Notices received by year from 2010-2018		X				
347	GRANDE0000023	GRANDE0000025	4/11/2013	Email chain re DMCA notices		X				H
348			8/3/2012	Grande Communications High-Speed Internet Service Residential Subscriber Acceptable Use Policy (produced by Grande on 11/24/2017 in conjunction with Third Amended Resps. To Interrogs.)		X				
349				Grande Consolidated – Selected Financial Trends 2014-2017 (produced on 3/21/18 as attachment to Defendant's Responses to Plaintiffs' Second Set of Interrogs.)			X			H, F
350				<u>Printout: RIAA.com, U.S. Sales Database: Revenues by Format (printed from https://www.riaa.com/u-s-sales-database/)</u>			X			ID, H, F
351	GRANDE00000164	GRANDE00000193		Compilation of Infringement Letters			X			
352	GRANDE00000004	GRANDE00000004	4/11/2013	Email chain re DMCA Notices			X			H
353	GRANDE00000014	GRANDE00000016	4/11/2013	Email chain re DMCA Notices			X			H
354	GRANDE00000017	GRANDE00000019	4/11/2013	Email chain re DMCA Notices			X			H
355	GRANDE00000020	GRANDE00000022	4/11/2013	Email chain re DMCA Notices			X			H
356	GRANDE00000026	GRANDE00000031	3/22/2016	Email chain re Notice of Claimed Infringement - Case ID			X			H
357	GRANDE00000032	GRANDE00000036	3/22/2016	Email chain re Notice of Claimed Infringement - Case ID			X			H
358	GRANDE00000037	GRANDE00000042	3/22/2016	Email chain re Notice of Claimed Infringement - Case ID			X			H
359	GRANDE00000043	GRANDE00000048	3/22/2016	Email chain re Notice of Claimed Infringement - Case ID			X			H
360	GRANDE00000049	GRANDE00000054	3/22/2016	Email chain re Notice of Claimed Infringement - Case ID			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
361	GRANDE0000077	GRANDE0000079	3/31/2016	Email chain re BitTorrent Issue			X			H
362	GRANDE0000083	GRANDE0000086	3/31/2016	Email chain re BitTorrent Issue			X			H
363	GRANDE0000091	GRANDE0000094	3/31/2016	Email chain re BitTorrent Issue			X			H
364	GRANDE0000125	GRANDE0000135	4/1/2014	Email chain re Notice of Claimed Infringement - Case ID			X			H
365	GRANDE0000145	GRANDE0000154		Transit/Peering cost summary			X			
366	GRANDE0000158	GRANDE0000158	5/18/2017	Spreadsheet: DMCA Excessive ViolationsV2 from 1/1/2017 - 1/31/2017			X			
367	GRANDE0000159	GRANDE0000159	6/1/2017	Spreadsheet: DMCA Excessive ViolationsV2 from 1/1/2017 - 1/31/2017			X			
368	GRANDE0000160	GRANDE0000160		Spreadsheet: CSG account list			X			
369	GRANDE0000162	GRANDE0000162		Spreadsheet: CSG account list			X			
370	GRANDE0000163	GRANDE0000163		Spreadsheet: CSG account list			X			
371	GRANDE0000196	GRANDE0000196		Spreadsheet: Letters and Notices			X			
372	GRANDE0000197	GRANDE0000197		Spreadsheet: ticket tracker			X			
373	GRANDE0000198	GRANDE0000198		Spreadsheet: ticket tracker			X			
374	GRANDE0000201	GRANDE0000201		Spreadsheet: ticket tracker			X			
375	GRANDE0000202	GRANDE0000202		Spreadsheet: ticket tracker			X			
376	GRANDE0000203	GRANDE0000203		Spreadsheet: Specific Account DMCA Violations			X			
377	GRANDE0000204	GRANDE0000204		Spreadsheet: Specific Account DMCA Violations			X			
378	GRANDE0000206	GRANDE0000206		Spreadsheet: Specific Account DMCA Violations			X			
379	GRANDE0000207	GRANDE0000207		Spreadsheet: Specific Account DMCA Violations			X			
380	GRANDE0000208	GRANDE0000208		Spreadsheet: Specific Account DMCA Violations			X			
381	GRANDE0000209	GRANDE0000209		Spreadsheet: Specific Account DMCA Violations			X			
382	GRANDE0000210	GRANDE0000210		Spreadsheet: Specific Account DMCA Violations			X			
383	GRANDE0000211	GRANDE0000211		Spreadsheet: Specific Account DMCA Violations			X			

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
384	GRANDE0000213	GRANDE0000213		Spreadsheet: Specific Account DMCA Violations			X			
385	GRANDE0000215	GRANDE0000215		Spreadsheet: Specific Account DMCA Violations			X			
386	GRANDE0000216	GRANDE0000216		Spreadsheet: Specific Account DMCA Violations			X			
387	GRANDE0000219	GRANDE0000219		Spreadsheet: Specific Account DMCA Violations			X			
388	GRANDE0000223	GRANDE0000223		Spreadsheet: Specific Account DMCA Violations			X			
389	GRANDE0000225	GRANDE0000225		Spreadsheet: Specific Account DMCA Violations			X			
390	GRANDE0000226	GRANDE0000226		Spreadsheet: Specific Account DMCA Violations			X			
391	GRANDE0000227	GRANDE0000227		Spreadsheet: Specific Account DMCA Violations			X			
392	GRANDE0000228	GRANDE0000228		Spreadsheet: Specific Account DMCA Violations			X			
393	GRANDE0000229	GRANDE0000229		Spreadsheet: Specific Account DMCA Violations			X			
394	GRANDE0000230	GRANDE0000230		Spreadsheet: Specific Account DMCA Violations			X			
395	GRANDE0000236	GRANDE0000236		Spreadsheet: Ticket names and addresses			X			
396	GRANDE0000237	GRANDE0000237		Spreadsheet: Ticket names and addresses			X			
397	GRANDE0000238	GRANDE0000238		Spreadsheet: list of ticket numbers			X			
398	GRANDE0000240	GRANDE0000240		Spreadsheet: Specific Account DMCA Violations			X			
399	GRANDE0000241	GRANDE0000241		Spreadsheet: list of ticket numbers			X			
400	GRANDE0000242	GRANDE0000242		Spreadsheet: list of ticket numbers			X			
401	GRANDE0000244	GRANDE0000244		Spreadsheet: list of ticket numbers			X			
402	GRANDE00002820	GRANDE00002820	4/8/2013	Email re Email Activity Report - archive.atlanticbb.com [172.28.10.7]			X			H
403	GRANDE00004039	GRANDE00004042	4/9/2013	Email chain re Non Pay Processing Error.docx" (w/ attach.)			X			H
404	GRANDE00008078	GRANDE00008078	4/14/2013	Email re Email Activity Report - archive.atlanticbb.com [172.28.10.7]			X			H
405	GRANDE0021830	GRANDE0021830	9/1/2015	Email re CPNI and DMCA Letters Processed by CSG			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
406	GRANDE0039789	GRANDE0039789	9/3/2015	Email re CPNI and DMCA Letters Processed by CSG			X			H
407	GRANDE0046702	GRANDE0046702	9/7/2015	Email re CPNI and DMCA Data Sent to CSG			X			H
408	GRANDE0048062	GRANDE0048062	9/8/2015	Email re CPNI and DMCA Data Sent to CSG			X			H
409	GRANDE0049424	GRANDE0049424	9/9/2015	Email re CPNI and DMCA Letters Processed by CSG			X			H
410	GRANDE0049878	GRANDE0049880	9/9/2015	Email re FW: August 2015 Revenue Flash (w/ attach.)			X			H
411	GRANDE0097879	GRANDE0097880	12/1/2015	Email re marketing Oct P&L over/under explanations (w/ attach.)			X			H
412	GRANDE0104911	GRANDE0104933	9/21/2015	Email re 2015 Walkthrough Narrative Discussions (w/ attach.)			X			H
413	GRANDE0131576	GRANDE0131578	4/19/2016	Email chain re FW: Preliminary March Results (w/ attach.)			X			H
414	GRANDE0131933	GRANDE0131935	4/19/2016	Email re Preliminary March Results (w/ attach.)			X			H
415	GRANDE0134774	GRANDE0134774	2/3/2014	Email re CPNI and DCMA Data Sent to CSG			X			H
416	GRANDE0135204	GRANDE0135204	2/4/2014	Email re CPNI and DCMA Letters Processed by CSG			X			H
417	GRANDE0179874	GRANDE0179875	10/14/2015	Email chain re FW: Termination of Employment Policy			X			H
418	GRANDE0182618	GRANDE0182619	5/5/2014	Email chain re Re: Grande Weekly Report			X			H
419	GRANDE0183290	GRANDE0183292	5/5/2014	Email chain re Re: Grande Weekly Report (w/ attach.)			X			H
420	GRANDE0194408	GRANDE0194409	5/8/2014	Email chain re Re: one month promo update			X			H
421	GRANDE0222322	GRANDE0222323	3/12/2014	Email re 2013 Bonus Message			X			H
422	GRANDE0249487	GRANDE0249489	5/28/2014	Email chain re: Re: you both around in San marcos this week? (w/ attach.)			X			H
423	GRANDE0301949	GRANDE0301950	4/10/2014	Email chain re: Re: Grande			X			H
424	GRANDE0420135	GRANDE0420137	8/12/2010	Email chain re Re: DMCA			X			H
425	GRANDE0443293	GRANDE0443297	6/11/2014	Email chain re: RE: Grande Weekly Report			X			H
426	GRANDE0443439	GRANDE0443442	6/11/2014	Email chain re: Re: Grande Weekly Report			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
427	GRANDE0445790	GRANDE0445791	7/17/2017	Email re Weekly Customer Changes was executed at 7/17/2017 8:28:03 AM (w/ attach.)			X			H
428	GRANDE0493783	GRANDE0493783 4	7/31/2017	Email re Weekly Customer Changes was executed at 7/17/2017 8:28:03 AM (w/ attach.)			X			H
429	GRANDE0496635	GRANDE0496636	7/31/2017	Email re Grande Consolidated Cable PL YTD (Jun 17).xlsx (w/ attach.)			X			H
430	GRANDE0503881	GRANDE0503881	8/2/2017	Email re Adding to the general script...			X			H
431	GRANDE0542113	GRANDE0542114	8/28/14-8/29/14	Email chain re and this just happened			X			H
432	GRANDE0850933	GRANDE0850934	4/21/2017	Email chain re Billboard journalist seeks comment on lawsuit			X			H
433	GRANDE0850987	GRANDE0850987	4/22/2017	Email chain re RIAA			X			H
434	GRANDE0851512	GRANDE0851514	4/22/2017	Email chain re Fwd: Billboard journalist seeks comment on lawsuit			X			H
435	GRANDE0856216	GRANDE0856216	4/25/2017	Email re Ryan Thompson			X			H
436	GRANDE0992589	GRANDE0992590	10/24/2012	Email chain re Re: Suddenlink Contact			X			H
437	GRANDE1007300	GRANDE1007300	11/5/2012	Email chain re DCMA?			X			H
438	GRANDE1021103	GRANDE1021103	11/19/2012	Email re Email Activity Report			X			H
439	GRANDE1093477	GRANDE1093477	7/11/2017	Email re DMCA Violation Notification			X			H
440	GRANDE1435500	GRANDE1435500	2/18/2016	Email chain re Rightscorp - DMCA			X			H
441	GRANDE1435505	GRANDE1435505	2/18/2016	Email chain re Rightscorp - DMCA			X			H
442	GRANDE1438176	GRANDE1438177	2/22/2016	Email chain re RightsCorp -- Customers Network Infringement Ltr			X			H
443	GRANDE1438198	GRANDE1438199	2/22/2016	Email re Rightscorp (w/ attach.)			X			H
444	GRANDE1438393	GRANDE1438395	2/22/2016	Email chain re RE: RightsCorp -- Customers Network Infringement Ltr			X			H
445	GRANDE1646092	GRANDE1646092	2/23/2016	Email chain re CPNI and DMCA Data Sent to CSG			X			H
446	GRANDE1715186	GRANDE1715189	5/17/2016	Email chain re Grande - DMCA Police for Website (w/ attachs.)			X			H
447	GRANDE1718830	GRANDE1718830	5/19/2016	Email re DMCA - ABUSE notifications			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
448	GRANDE1843984	GRANDE1843986	8/22/2017	Email chain re RE: legal fees			X			H
449	GRANDE1933659	GRANDE1933659	8/11/2010	Email re DMCA			X			H
450	GRANDE2200018	GRANDE2200019	8/15/2016	Email re Important Message from Jim Holanda			X			H
451			4/30/2017	Article: "Grande Communications announces expansion of 1 gigabit internet service"			X			ID, H, F
452			9/12/2014	Article: "Grande Names Matt Rohre Interim President"			X			ID, H, F
453			4/25/2017	Article: "Grande expands gigabit service to more Austin customers"			X			ID, H, F
454			Oct-17	Oct. Analysis Spreadsheet (Detail)			X			H, F
455			Oct-17	Oct. Analysis Spreadsheet (Status)			X			H, F
456			Oct-17	Oct. Analysis Spreadsheet (Summary) (produced by Grande on 11/24/2017 in conjunction with Third Amended Resps. To Interrogs.)			X			H, F
457			7/31/2018	Expert Report of Robert A. Bardwell	172-11	X				H
458				Curriculum Vitae of Robert A. Bardwell (transmitted 7/13/18, Expert Report of Robert A. Bardwell)		X				H, F
459				Asserted Copyrights and Documented Infringements (transmitted 7/13/18, Ex. RAB-1, Expert Report of Robert A. Bardwell)		X				H, F
460				Grande IP Address Pool (transmitted 7/13/18, Ex. RAB-2, Expert Report of Robert A. Bardwell)		X				H, F
461				Summary of Each IP Address Infringing on Asserted Copyrights		X				H, F
462				Consecutive Days with Infringement by IP addresses		X				H, F
463				All Infringement Events Related to Chart 1		X				H, F
464				All Ports Associated with Infringements		X				H, F
465				All Song Profiles Made Available by Subscribers		X				H, F
466				All Infringements Related to Chart 3		X				H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
467				Markov Model Formulas		X				H, F
468				All Infringements Related to Chart 5		X				H, F
469				Markov Model Results by Single Port Suspected Account		X				H, F
470				Markov Model Results by Random Port Suspected Account		X				H, F
471				Markov Model Results by Non-Random Port Suspected Account		X				H, F
472				Markov Model Results by Modified Single Port Suspected Account		X				H, F
473				Markov Model Results by Modified Non-Random Port Suspected Account		X				H, F
474				All Infringements Recorded for Longest Infringing Verified Account		X				H, F
475				All Infringements Recorded for Most Infringing Verified Account		X				H, F
476				All Infringements Related to Verified Account with Most Ports		X				H, F
477				Documentation of BitTorrent Users Modifying Ports		X				H, F
478				Probability Parameters in the Markov Model		X				H, F
479				Rate Parameters in the Markov Model		X				H, F
480				Sensitivity Analysis of Parameters in Markov Model		X				H, F
481				Grande File Share Parameters		X				H, F
482				RC-D_00000001.htm through RC-D_00000010.htm.			X			H, F
483				RC-D001.xlsx			X			H, F
484			11/26/11-11/28/11	Academic Article: "User Tracking on the Web via Cross-Browser Fingerprinting"			X			H, F
485				Academic Article: "Detecting Stealthy P2P Botnets Using Statistical Traffic Fingerprints"			X			H, F
486			3/28/2008	Article: "10 Tips and Tricks for Private Bittorrent Sites"			X			H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
487			Nov. 2002	Article: "Observed Structure of Addresses in IP Traffic"			X			H, F
488			Aug. 2007	Academic Article: "How Dynamic are IP Addresses?"			X			H, F
489			Jan. 2011	Academic Article: "Technical report: An Estimate of Infringing Use of the Internet"			X			H, F
490			2009	Academic Article: "On Dominant Characteristics of Residential Broadband Internet Traffic"			X			H, F
491			4/24/2011	Article: "uTorrent – Randomize port at each start"			X			H, F
492			6/2/2015	Forum: "How to have client automatically change port when blocked?"			X			H, F
493			4/24/2011	Forum: "Port Mapping – General Discussion"			X			H, F
494			8/17/2018	Reply of Robert A. Bardwell to the Report of Jonathan E. Kemmerer	172-27	X				H
495				Abuse Information from Additional Grande Abuse Notices			X			H, F, S, B
496				Exhibit A.xlsx			X			H, F
497				Notices - Actual.xlsx			X			H, F
498	RC-D_0000001	RC-D_0000010		RC-D_00000001.htm through RC-D_00000010.htm.			X			H, F
499				RC-D001.xlsx			X			
500				Expert Report of Barbara Frederiksen-Cross	172-8	X				H
501				Frederiksen-Cross Materials Received or Reviewed		X				H, F
502				Rightscorp Source Code Files		X				H, F
503				Rightscorp Source Code Description		X				H, F
504				Rightscorp email re Unauthorized Use of Copyrights (w/ attach.)		X				H, F
505				Sample of 2012 Rightscorp Infringement Notice		X				H, F
506				Sample of Rightscorp Termination Request		X				H, F
507				Torrents Used in Jurislogic 2018 Testing		X				H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
508				Songs Used in Jurislogic 2018 Testing		X				H, F
509				Sample Notice from Grande to Subscribers		X				H, F
510	RIGHTSCORP 00004000	RIGHTSCORP 00004000	c.2014	Repeat Infringers Spreadsheet			X			H, F, B
511	RIGHTSCORP 00004001	RIGHTSCORP 00004002	11/17/2016	Email re Grande Communications Termination request for BMG Rights Management (US) LLC (w/ attach.)			X			H, F
512	RIGHTSCORP 00004002	RIGHTSCORP 00004002	c.2014	Repeat Infringers Spreadsheet			X			H, F, B
513	RIGHTSCORP 00004229	RIGHTSCORP 00004230	11/9/2015	Email re Grande Communications Termination request for Imagem USA (w/ attach.)			X			H, F
514	RIGHTSCORP 00004230	RIGHTSCORP 00004230	c.2015	Repeat Infringers Spreadsheet			X			H, F, B
515	GRANDE0000156	GRANDE0000156	c.2017	DMCA Excessive Violations Spreadsheet			X			
516	GRANDE0000157	GRANDE0000157		Infringement Spreadsheet			X			
517	GRANDE0000164	GRANDE0000182		Compilation of Infringement Letters			X			
518	GRANDE0000184	GRANDE0000188		Compilation of Infringement Letters			X			
519	RIGHTSCORP 00003999	RIGHTSCORP 00004000	11/23/2014	Email re Grande Communications Termination request for BMG Rights Management (US) LLC (w/ attach.)			X			H, F
520	RIGHTSCORP 00004002	RIGHTSCORP 00004002	11/17/2014	Email re Grande Communications Termination request for BMG Rights Management (US) LLC (w/ attach.)			X			H, F
521	RC-D_00000001	RC-D_01350635		Hard drive containing Sony-v-Grande RC-D001.zip			X			ID, H, F
522	RC-D_00140075	RC-D_00140075		Sample test infringement notice			X			ID, H, F
523	RC-D_00140075	RC-D_00140075		RC-D_00140075 (excerpt)			X			ID, H, F
524	RC-D_00140075	RC-D_00140075		RC-D_00140075.htm			X			ID, H, F
525	RC-D_00000009	RC-D_00000009		RC-D_00000009.htm			X			ID, H, F
526	RC-D_00010009	RC-D_00010009		RC-D_00010009.htm			X			ID, H, F
527	RCD_00020020	RCD_00020020		RCD_00020020.htm			X			ID, H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
528	RC-D_00030022	RC-D_00030022		RC-D_00030022.htm			X			ID, H, F
529	RC-D_00600310	RC-D_00600310		RC-D_00600310.htm			X			ID, H, F
530	RC-D_01020505	RC-D_01020505		RC-D_01020505.htm			X			ID, H, F
531				Printout: "ISP Insight: Rightscorp" (from https://secure.digitalrightscorp.com/isp/List.html)			X			ID, H, F
532			7/27/2018	Expert Reply Report of Barbara Frederiksen-Cross		X				H
533				Frederiksen-Cross Curriculum Vitae, Qualification, Testimony		X				H, F
534				List of Materials Received or Reviewed		X				H, F
535				Rightscorp Source Code Description		X				H, F
536	GRANDE0000205	GRANDE0000205		Spreadsheet listing Specific Account DMCA Violations			X			
537	GRANDE0000212	GRANDE0000212		Spreadsheet listing Specific Account DMCA Violations			X			
538	GRANDE0000214	GRANDE0000214		Spreadsheet listing Specific Account DMCA Violations			X			
539	GRANDE0000217	GRANDE0000217		Spreadsheet listing Specific Account DMCA Violations			X			
540	GRANDE0000218	GRANDE0000218		Spreadsheet listing Specific Account DMCA Violations			X			
541	GRANDE0000220	GRANDE0000220		Spreadsheet listing Specific Account DMCA Violations			X			
542	GRANDE0000221	GRANDE0000221		Spreadsheet listing Specific Account DMCA Violations			X			
543	GRANDE0000222	GRANDE0000222		Spreadsheet listing Specific Account DMCA Violations			X			
544	GRANDE0000224	GRANDE0000224		Spreadsheet listing Specific Account DMCA Violations			X			
545	GRANDE0000239	GRANDE0000239		Spreadsheet listing Specific Account DMCA Violations			X			
546	GRANDE0000245	GRANDE0000245		Spreadsheet listing Specific Account DMCA Violations			X			

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
547				Expert Rebuttal Supplement Report of Barbara Frederiksen-Cross (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross)		X				ID, H, F, O, B
548			7/13/2018	Expert Report of William H. Lehr	172-4	X				H
549				Curriculum Vitae of William H. Lehr		X				H, F
550				U.S. Sound Recording Industry Revenue by Source 2010 - 2017		X				H, F
551				Summary of Findings on the Impact of Illegal File Sharing on the Music Industry		X				H, F
552				Summary of Findings on the Impact of Streaming On Piracy in the Music Industry		X				H, F
553				Grande Residential Revenues and Subscriber Counts		X				H, F
554				Grande Consolidated Revenue and Profit		X				H, F
555				Average Monthly ARPU - High-Speed Internet Service		X				H, F
556				Average Monthly ARPU - Video Service		X				H, F
557				Average Monthly ARPU - Voice Service		X				H, F
558			c.2016	2016 Monthly Blended Bundle ARPU for Grande High-Speed Internet Residential Subscribers		X				H, F
559			c.2016	2016 Monthly Blended Bundle Gross Margin for Grande High-Speed Internet Residential Subscribers		X				H, F
560				Subscriber Lifetime Value: Gross Margin Methodology for Grande High-Speed Internet Residential Subscribers		X				H, F
561				Subscriber Value Implied by Cable Industry Transactions		X				H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
562				Estimated Value to Grande of Retaining Residential Subscribers with Multiple Instances of Infringement		X				H, F
563	RIAA_00059812	RIAA_00059812		"U.S. Recorded Music Revenues by Format," Recording Industry Association of America			X			H, F
564	GRANDE0078377	GRANDE0078377		Grande Products and Services			X			H, F
565	GRANDE0098809	GRANDE0098809	9/18/2015	Email re Training deck_Retention (w/ attach.)			X			H
566	GRANDE0135876	GRANDE0135877	2/3/14-2/4/14	Email re copycat			X			H
567	GRANDE0509709	GRANDE0509709	1/31/11-2/1/11	Email chain re Employee Memo/Summary (w/ attachs.)			X			H
568	GRANDE0618690	GRANDE0618690	9/1/16-9/2/16	Email chain re Grande C-SAT Report (w/ attach.)			X			H
569	GRANDE0662924	GRANDE0662924	9/9/2014	Email chain re Grande in the News			X			H
570	GRANDE0863082	GRANDE0863082		Grande Finances Spreadsheet			X			
571	GRANDE0949411	GRANDE0949411		Grande Finances Spreadsheet			X			
572	GRANDE0980961	GRANDE0980965	10/3/12 - 10/11/12	Email chain re product combination church analysis (w/ attach.)			X			H
573	GRANDE1064140	GRANDE1064140		Grande Competitive Update Powerpoint, Feb. 2017			X			
574	GRANDE1374400	GRANDE1374400		Grande Finances Spreadsheet			X			
575	GRANDE1715401	GRANDE1715401		Grande Finances Spreadsheet			X			
576	GRANDE1840451	GRANDE1840451		Grande Austin Market Doc.			X			
577	GRANDE1871837	GRANDE1871837		Grande 2011 Financial Tracking Spreadsheet			X			
578	GRANDE2551606	GRANDE2551606		Grande Finances Spreadsheet			X			
579	PATRIOT00044572	PATRIOT00044572		Grande 2013 Budget Spreadsheet			X			
580	PATRIOT00152074	PATRIOT00152074		RCN Cable Finances Spread			X			
581			12/13/2015	Article: "Digital Broadband Content: Music"			X			H, F
582			3/31/2016	2016 Valuation Handbook: Industry Cost of Capital			X			H, F
583			4/23/2014	Academic Article: "Piracy and Music Sales: The Effects of An Anti-Piracy Law"			X			H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
584			c.2016	Academic Article: "Digital Music Consumption on the Internet: Evidence from Clickstream Data"			X			H, F
585			c.2017	Academic Article: "Let The Music Play? Free Streaming and its Effects on Digital Music Consumption"			X			H, F
586			c.2017	Academic Article: "As Streaming Reaches Flood Stage: Does Spotify Stimulate or Depress Music Sales?"			X			H, F
587			c.June 2017	Academic Article: "Streaming or Stealing? The complementary features between music streaming and music piracy"			X			H, F
588			8/25/2015	Academic Article: "Copyright Enforcement in the Digital Age: Empirical Economic Evidence and Conclusions"			X			H, F
589			c.Feb. 2017	Academic Article: "Copyright Enforcement in the Digital Age: Empirical Evidence and Policy Implications"			X			H, F
590			c.Sept. 2014	Academic Article: "The Effect of Graduated Response Anti-Piracy Laws on Music Sales: Evidence from An Event Study in France"			X			H, F
591			c. 2015	Academic Article: "Music Piracy: Bad for Record Sales but Good For The iPod?"			X			H, F
592			c.April 2006	Academic Article: "File Sharing: Creative Destruction or Just Plain Destruction?"			X			H, F
593			4/6/2018	Academic Article: "The Impact of Internet Piracy on Sales and Revenues of Copyright Owners"			X			H, F
594			c.2014	Academic Article: "The Impacts of Internet Piracy"			X			H, F
595			c.2011	Academic Article: "Quantifying Global Transfers of Copyrighted Content Using BitTorrent"			X			H, F
596			c.2006	Academic Article: "The Impact of Digital File Sharing on the Music Industry: An Empirical Analysis"			X			H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
597			c.2016	Academic Article: "The Effect of File Sharing on Record Sales, Revisited"			X			H, F
598			c. April 2006	Academic Article: "Piracy on the High C's: Music Downloading, Sales Displacement, and Social Welfare in a Sample of College Students"			X			H, F
599			c.2010	Academic Article: "Music File Sharing and Sales Displacement in the iTunes Era"			X			H, F
600			c. April 2006	Academic Article: "Measuring the Effect of File Sharing on Music Purchases"			X			H, F
601			c.2011	Textbook: "Accounting for Decision Making and Control"			X			H, F
602			6/18/2012	Article: "BC Partners, CPP Investment Board, and Management Agree to Acquire Suddenlink for \$6.6 Billion"			X			H, F
603			c. Oct. 2014	Article: "Broadband Cable Financial Databook, 2015 Edition"			X			H, F
604			c. Dec. 2010	Article: "Broadband decisions: What drives consumers to switch – or stick with – their broadband Internet provider"			X			H, F
605				Spreadsheet: Cable System Sales Summary, December			X			ID, H, F
606			6/14/2010	Article: "Cablevision Announces Acquisition of Bresnan Communications"			X			H, F
607			7/1/2013	Article: "Charter Completes Its Acquisition of Optimum West from Cablevision"			X			H, F
608			3/31/2015	Article: "Charter to Acquire Bright House Networks for \$10.4 Billion"			X			H, F
609			6/6/2017	Article: "Cisco Visual Networking Index: Forecast and Methodology, 2016-2021"			X			H, F
610			c. Aug. 2004	Article: "Copyright Issues in Digital Media"			X			H, F

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611			c. July 2013	Article: "Copyright Policy, Creativity, and Innovation in the Digital Economy"			X			H, F
612			5/4/2016	Article: "FCC approves Altice purchase of Cablevision Systems"			X			H, F
613			1/8/2017	Article: "GTCR Announces Sale Of Rural Broadband Investments To Cable One"			X			H, F
614			4/12/2010	Article: "Intellectual Property: Observations on Efforts to Quantify the Economic Effects of Counterfeit and Pirated Goods"			X			H, F
615			8/4/2011	Article: "Mediacom Communications to Build New Corporate Headquarters in Orange County, New York"			X			H, F
616			c.2016	Article: "Music Consumer Insight Report 2016"			X			H, F
617			c. Sept. 2017	Article: "Music Consumer Insight Report"			X			H, F
618			c. Nov. 2017	Article: "Public MSOs' revenues and EBITDA summary, Q3 2016 - Q3 2017"			X			H, F
619			c. March 2017	Article: "Public MSOs' revenues and operating cash flows summary, 2014-2016"			X			H, F
620			8/10/2010	Article: "RCN Reports Second Quarter 2010 Results"			X			H, F
621			1/24/2018	Article: "RCN/Grande Closes Acquisition of Wave Broadband"			X			H, F
622			c. Aug. 2012	Article: "The Impact of Intellectual Property Theft on the Economy"			X			H, F
623			2/26/2012	Article: "The NPD Group: Music File Sharing Declined Significantly in 2012"			X			H, F
624				Article: "Time Warner Cable Inc. acquires Insight Communications Company Inc."			X			H, F
625			4/12/2018	Article: "Transactions Overview"			X			H, F
626			4/18/2012	Article: "WideOpenWest to buy Knology for \$1.5B"			X			H, F

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627			4/17/2017	Article: "The rise of music streaming services hasn't killed music piracy"			X			H, F
628			4/5/2018	Article: "The Best VPNs for BitTorrent"			X			H, F
629			4/1/2016	Article: "Illegal streaming is dominating online piracy"			X			H, F
630			12/21/2015	Article: "Altice Closes Suddenlink Deal"			X			H, F
631			5/18/2016	Article: "Charter completes purchase of Time Warner Cable, Bright House"			X			H, F
632			9/3/2014	Article: "Factors impacting cable churn in 2014 and beyond"			X			H, F
633			3/17/2015	Article: "HSD eclipses video in revenue gains in 2014, but video ARPU still undisputed leader"			X			H, F
634			8/11/2017	Article: "What Exactly Is Stream-Ripping, The New Way People Are Stealing Music"			X			H, F
635			c.2012	Article: "Customer Centricity in the Telecommunications Industry"			X			H, F
636			c. Sept. 2013	Article: "Sizing the Piracy Universe"			X			H, F
637			11/13/2012	Article: "Cord-Cutting: Cable's Offer You Can't Refuse"			X			H, F
638			c. Aug. 2007	Article: "The True Cost of Sound Recording Piracy to the U.S. Economy"			X			H, F
639			2/16/2016	Article: "Piracy and the Supply of New Creative Works"			X			H, F
640			2/2/2016	Article: "The Truth About Piracy"			X			H, F
641			8/17/2018	Expert Reply Report of William H. Lehr	172-6	X				H
642			c.2015	Textbook: "Corporate Finance"			X			H, F
643			1/15/2018	Article: "2017 Streaming Price Bible! Spotify per Stream Rates Drop 9%, Apple Music Gains Marketshare of Both Plays and Overall Revenue,"			X			H, F

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644			c.2017	Article: "2017 Vivendi Annual Report"			X			H, F
645			c. Jan. 2011	Article: "Technical report: An Estimate of Infringing Use of the Internet"			X			H, F
646			c.2018	Article: "What We Do"			X			H, F
647			1/21/2016	Article: "Netflix isn't just hurting pay TV, it's also slowly killing online piracy"			X			H, F
648	GRANDE0617219	GRANDE0617219	Sept., 2016	Grande Competitive Update			X			
649	GRANDE1064811	GRANDE1064811	June, 2017	Grande Competitive Update			X			
650			1/15/2018	"Per Stream Royalty Rates"			X			ID, H, F
651			7/13/2018	Expert Report of Terrence P. McGarty	172-26	X				H
652				Curriculum Vitae of Terrence P. McGarty		X				H, F
653				Spreadsheet: DMCA Notices Entered into Abuse Database, Instances of Infringement Identified, and Letters Sent to Grande Subscribers		X				H, F, B
654				Grande FCC Network Management Disclosure (transmitted 7/13/18, Expert Report of Terrence P. McGarty)			X			H, F
655	GRANDE0000011	GRANDE0000013	4/11/2013	Email chain re DMCA notices			X			H
656	GRANDE0000074	GRANDE0000074	3/31/2013	Email chain including M. Murphy and R. Creel			X			H
657	GRANDE0000075	GRANDE0000076	3/31/2013	Email chain including M. Murphy, R. Creel, and W. Hardeman (w/ attach.)			X			H
658	GRANDE0000080	GRANDE0000082	3/31/2013	Email chain including M. Murphy, R. Creel, and W. Hardeman (w/ attach.)			X			H
659	GRANDE0000087	GRANDE0000090	3/31/2013	Email chain including M. Murphy, R. Creel, and W. Hardeman (w/ attach.)			X			H
660	GRANDE0000161	GRANDE0000161		Infringement Letter			X			
661	GRANDE0000188	GRANDE0000189	6/20/2017	Email from Grande to M. Sooby			X			H
662	GRANDE0540116	GRANDE0540116	5/5/2011	Email re DMCA			X			H
663	GRANDE1438279	GRANDE1438280	2/18/2016	Email chain re Rightscorp - DMCA			X			H

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
664	GRANDE1438371	GRANDE1438372		Grande Drafted Letter			X			
665	GRANDE1438373	GRANDE1438374		Grande Drafted Letter			X			
666	GRANDE2049666	GRANDE2049666		Grande Management Team Powerpoint			X			
667	PATRIOT00047600	PATRIOT00047601	8/16/2016	Email chain re Today's DMCA call			X			H
668			c.2004	Book: "Modern Cable Television Technology: Video, Voice, and Data Communications"			X			H, F
669			c.2014	Book: "Network Security Through Data Analysis"			X			H, F
670			c.2013	Academic Article: "Standards for Determining When ISPs Have Fallen Out of Section 512(A)"			X			H, F
671			c.2013	Academic Article: "The Politics of Deep Packet Inspection: What Drives Surveillance by Internet Service Providers?"			X			H, F
672			c.2015	Academic Article: "Cable Networks, Services, and Management"			X			H, F
673			c.April 2006	Academic Article: "Measuring the Effect of File Sharing on Music Purchases"			X			H, F
674			c.June 2003	Academic Article: "Detection and Classification of Peer-to-Peer Traffic: A Survey"			X			H, F
675				Academic Article: "The Internet's Coming of Age"			X			H, F
676			4/16/2018	Article: "1 Gig Internet Speed Comparison"			X			H, F
677			c.2018	Article: "About Grande"			X			H, F
678			9/3/2009	Article: "ABRY Partners Buying Grande Communications"			X			H, F
679			c.June 2012	Article: "An Overview of the IETF Network Management Standards"			X			H, F
670			2/12/2014	Article: "Cableco Gigabit Broadband Plans are Not HFC-Based"			X			H, F
681			12/17/2015	Article: "Cox Communications Found Liable for Users' Downloading"			X			H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
682			c.2018	Article: "Grande: FCC Network Management Disclosure"			X			H, F
683				Article: "History of Cable"			X			H, F
684				Article: "How fast is Fiber Optic Internet?"			X			H, F
685				"Management Services Agreement," Atlantic Broadband Finance, LLC			X			H, F
686				Grande Article: "Popular Deals"			X			H, F
687			5/22/2017	Article: "RCN, Grande and Wave Broadband Join Forces"			X			H, F
688				Article: "The Basics of BitTorrent"			X			H, F
689			2/1/2017	Article: "TPG Capital Completes RCN and Grande Acquisitions"			X			H, F
690			8/15/2016	Article: "TPG Capital to Acquire RCN and Grande Communications"			X			H, F
691				Grande Article: "Use Your Own Modem"			X			H, F
692			2/1/2015	Article: "Grande beats AT&T, Google Fiber with 1 Gbps launch in San Antonio"			X			H, F
693			11/20/2014	Article: "Grande extends 1Gbps service into more parts of Austin"			X			H, F
694				CSG International Web Homepage			X			H, F
695			3/5/2010	Article: "RCN to Sell Itself for \$1.2 Billion"			X			H, F
696				OSG Billing Services Webpage			X			H, F
697	GRANDE0019396	GRANDE0019396		Spreadsheet: Grande High Level Transition Services Planning			X			
698	GRANDE0813932	GRANDE0813932		Financial Spreadsheet			X			
699				Declaration of Wade Leak in Support of Plaintiffs' Opposition to Defendant Grande Communications Networks LLC's Motion for Summary Judgment and Plaintiffs' Cross-Motion for Summary Judgment	172-2		X			H, F, B
700				List of Sony plaintiffs' works in suit	172-2		X			H, F, B

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
701			9/14/2018	Declaration of Steven Poltorak in Support of Plaintiffs' Opposition to Defendant Grande Communications Networks LLC's Motion for Summary Judgment and Plaintiffs' Cross-Motion for Summary Judgment	180-1		X			H, F, B
702				List of Warner Bros. plaintiffs' works in suit	180-1		X			H, F, B
703				Frederiksen-Cross Curriculum Vitae, Qualification, Testimony (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross, Ex. A)		X				H, F
704				Materials Received and Reviewed (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross, Ex. B)			X			H, F
705				The BitTorrent Protocol Specification from BitTorrent.org (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross, Ex. C)			X			ID, H, F
706				Sample of BitTorrent Traffic (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross, Ex. D)			X			ID, H, F
707				BitTorrent Control Packets - Test with Default uTorrent Configuration (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross, Ex. E)			X			ID, H, F

PX	Beg Bates	End Bates	Date	Document Description	ECF No.	Expects to Offer	May Offer	Admitted	Date Admitted	Objections
708				BitTorrent Control Packets - Test with "Parasite" uTorrent Configuration (transmitted 2/3/20, Second Rebuttal Expert Report of Frederiksen-Cross, Ex. F)			X			ID, H, F

Dated: December 30, 2021

By: /s/ Richard L Brophy

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